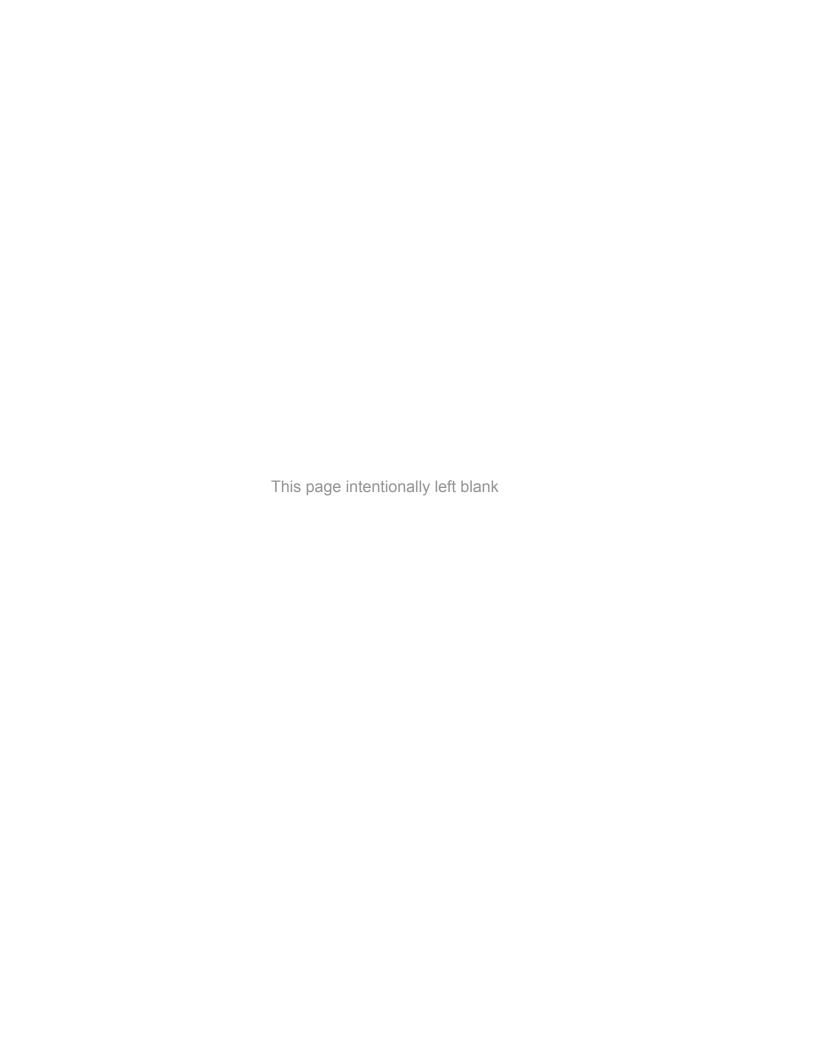
# Appendix B Supporting Data 2011 PLOO Stations Water Quality

Appendix B.1
Summary of rainfall and bacteria levels at PLOO shore stations during 2011. Total coliform, fecal coliform, and enterococcus densities are expressed as mean CFU/100 mL per month and for the entire year. Rain data are from Lindbergh Field, San Diego, CA. Stations are listed north to south from top to bottom; n=total number of samples.

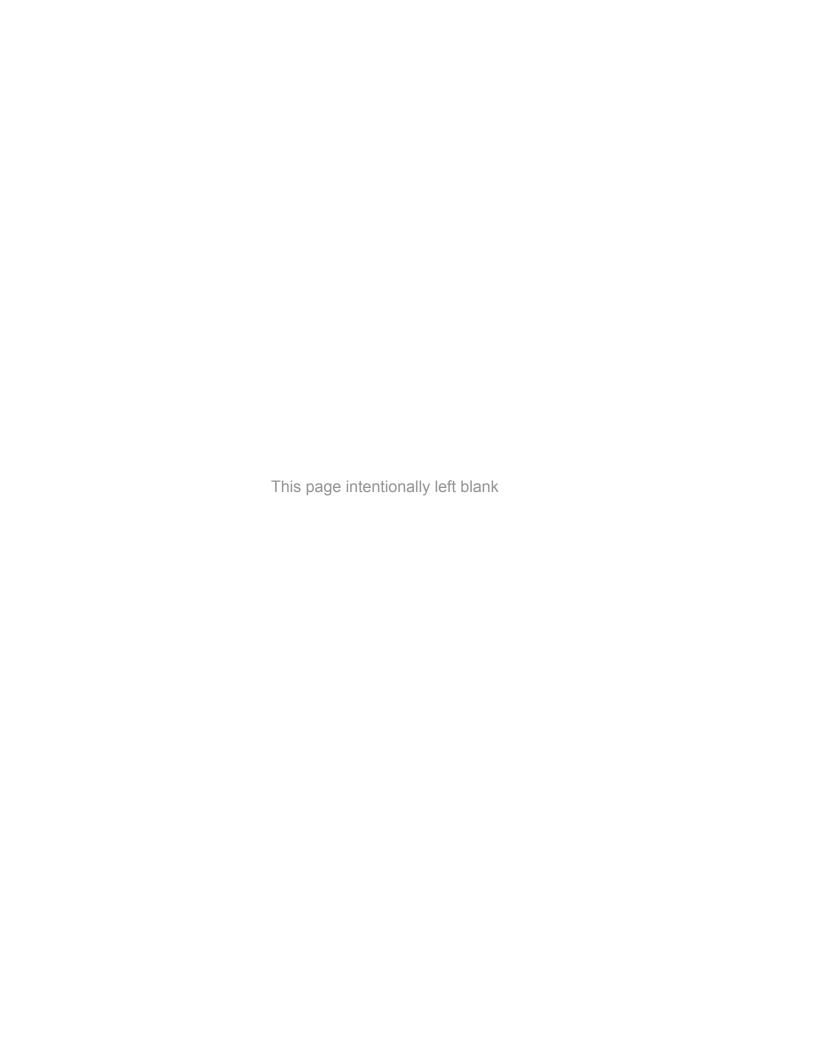
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2011 Tota	l Rain (in):	0.30	2.10	1.46	0.26	0.36	0.03	0.00	0.00	0.13	0.46	3.12	0.86
D12	Total	20	25	17	49	49	16	132	24	13	90	21	16
	Fecal	3	2	4	2	3	2	4	3	2	16	11	6
	Entero	4	3	3	2	3	2	12	2	2	31	5	4
D11	Total	36	1032	448	1292	108	92	124	37	19	108	52	34
	Fecal	8	50	19	35	10	10	41	14	4	25	10	3
	Entero	7	18	17	9	4	20	9	11	4	18	17	2
D10	Total	80	724	184	108	24	66	28	173	32	116	52	53
	Fecal	14	13	8	10	4	6	9	9	4	29	14	4
	Entero	14	18	3	2	2	2	3	6	2	15	8	4
D9	Total	17	381	14	57	16	221	56	27	20	52	44	89
	Fecal	6	12	2	2	2	118	2	3	2	16	7	7
	Entero	5	12	3	2	2	13	2	2	2	14	4	2
D8	Total	432	596	88	48	64	20	64	110	180	405	532	189
	Fecal	54	59	11	3	3	5	4	36	8	72	18	11
	Entero	49	16	13	2	3	3	3	2	2	39	19	4
D7	Total	20	88	36	20	28	21	100	50	208	64	60	6
	Fecal	4	8	17	4	3	5	12	5	32	8	10	7
	Entero	2	3	2	3	2	2	4	3	9	13	6	2
D5	Total	24	30	16	276	16	21	96	20	56	92	92	52
	Fecal	2	6	2	178	2	2	4	3	10	6	4	2
	Entero	2	2	2	38	2	2	2	3	6	3	5	3
D4	Total	18	60	9	24	22	16	56	67	64	16	17	9
	Fecal	2	3	2	3	3	2	5	2	4	6	2	2
	Entero	2	2	3	2	2	2	3	2	3	2	2	2
	n	40	39	40	40	40	40	40	48	40	39	40	40
Annual	Total	81	376	102	234	41	59	82	63	74	111	109	56
Means	Fecal	12	20	8	29	4	19	10	9	8	22	10	5
	Entero	11	10	6	8	3	6	5	4	4	17	8	3



**Appendix B.2**Summary of samples with elevated FIB densities at PLOO shore stations during wet and dry seasons between 1991–2011. Wet=January–April and October–December; Dry=May–September; *n*=total number of samples. Rain was measured at Lindbergh Field, San Diego, CA. Stations are listed north to south from left to right.

1991   Wet   ns   ns   ns   ns   ns   ns   ns   n	Year	Season	D12	D11	D10	D9	D8	D7	D5	D4	Rain (in)	Total	n
Dry   ns   ns   ns   ns   ns   ns   ns   n	1991	Wet	ns	ns	ns	0	2	0	1	0	12.97	3	90
1992   Wet   ns   ns   ns   ns   ns   ns   ns   n						0		0	0	0		1	105
1993   Wet   ns   ns   ns   ns   ns   ns   ns   n	1992	•	ns	ns	ns	6	11	18	53	42	12.62	130	384
Dry   ns   ns   ns   ns   ns   ns   ns   n		Dry	ns	ns	ns	0	1	1	7	2	0.19	11	110
1994   Wet   ns   ns   ns   ns   0   0   0   0   1   9.32   6   84	1993	Wet	ns	ns	ns	0	2	2	2	0	16.81	6	89
Dry		Dry	ns	ns	ns	0	1	2	1	0	0.45	4	103
1995   Wet   ns   ns   ns   ns   0   2   3   0   0   1   1   14.76   7   87	1994	Wet	ns	ns	ns	3	2	0	0	1	9.32	6	84
Dry		Dry	ns	ns	ns	0	0	0	0	0	0.11	0	95
1996	1995		ns	ns	ns	2			1	1			87
Dry		Dry	ns	ns	ns	0		3	0	0		5	
1997   Wet   ns   ns   ns   ns   1   4   0   0   0   0   6.15   5   87	1996	Wet	ns	ns	ns	0		0	0				
Dry		-	ns	ns	ns	0	3	0	0	0			
1998   Wet   ns   ns   ns   ns   ns   1   2   1   0   0   0   15.08   4   81	1997	Wet	ns	ns	ns	1		0		0			
Dry		-	ns	ns	ns	0		1	0	1		2	
1999	1998		ns	ns	ns							4	
Dry		-	ns	ns	ns	0	1						
Dry   NS   NS   NS   NS   NS   NS   NS   N	1999		ns	ns	ns								
Dry		-	ns	ns	ns								
2001         Wet         ns         ns         ns         0         0         0         0         0         8.46         0         80           2002         Wet         ns         ns         ns         0         1         0         0         0         0.01         1         96           2002         Wet         ns         ns         ns         0         0         0         0         3.92         0         79           Dry         ns         ns         ns         0         0         1         0         0         0.31         1         100           2003         Wet         0         1         2         2         4         2         1         0         8.88         12         162           Dry         0         0         0         0         1         1         0         0.30         2         119           2004         Wet         2         5         4         2         3         2         2         1         13.29         21         281           Dry         0         0         0         0         1         0         0         0	2000		ns	ns									
Dry			ns	ns	ns								
Dry   NS   NS   NS   NS   NS   NS   NS   N	2001			ns									
Dry   ns   ns   ns   ns   0   0   1   0   0   0.31   1   100		•											
2003         Wet         0         1         2         2         4         2         1         0         8.88         12         162           Dry         0         0         0         0         1         1         0         0.30         2         119           2004         Wet         2         5         4         2         3         2         2         1         13.29         21         281           Dry         0         0         0         0         1         0         1         0         0.00         2         210           2005         Wet         0         3         0         3         6         1         2         2         13.86         17         281           Dry         0         1         0         0         1         0         0         0.25         2         208           2006         Wet         1         1         1         0         4         0         1         0         5.33         8         295           Dry         0         3         0         0         1         0         0         0         0.82	2002												
Dry   O   O   O   O   O   O   O   O   O		•											
2004         Wet         2         5         4         2         3         2         2         1         13.29         21         281           Dry         0         0         0         0         1         0         1         0         0.00         2         210           2005         Wet         0         3         0         3         6         1         2         2         13.86         17         281           Dry         0         1         0         0         1         0         0         0         0.25         2         208           2006         Wet         1         1         1         0         4         0         1         0         5.33         8         295           Dry         0         3         0         0         1         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         2         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         2         0	2003												
Dry 0 0 0 0 1 0 1 0 1 0 0.00 2 210  2005 Wet 0 3 0 3 6 1 2 2 2 13.86 17 281  Dry 0 1 0 0 1 0 0 0 0 0 0.25 2 208  2006 Wet 1 1 1 1 0 4 0 1 0 5.33 8 295  Dry 0 3 0 0 1 0 0 0 0 0.82 4 199  2007 Wet 2 2 2 2 0 2 0 0 0 0 4.32 8 306  Dry 1 1 0 0 0 0 1 0 0 0.05 3 208  2008 Wet 1 2 3 3 3 4 1 0 0 0 10.86 14 288  Dry 0 0 0 1 0 0 0 0 0 0.25 1 200  2009 Wet 0 2 1 0 7 1 0 1 5.43 12 277  Dry 1 0 0 0 0 1 0 0 0 0 0.07 2 199  2010 Wet 2 2 2 2 0 1 2 1 1 0 7 1 0 1 5.43 12 277  Dry 0 0 0 0 0 1 0 0 0 0 0 0.07 2 199  2010 Wet 2 2 2 2 0 1 2 1 1 1 1 16.20 11 257  Dry 0 0 0 0 0 1 0 0 0 0 0 0 0.08 0 208  2011 Wet 0 0 0 0 1 0 0 0 0 0 0 0.52 1 208  Total Wet 8 18 15 24 62 31 65 49 162.97 272 3730	0004	-											
2005         Wet         0         3         0         3         6         1         2         2         13.86         17         281           Dry         0         1         0         0         1         0         0         0.25         2         208           2006         Wet         1         1         1         0         4         0         1         0         5.33         8         295           Dry         0         3         0         0         1         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         2         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         2         0         0         0         0.82         4         199           2008         Wet         1         2         3         3         4         1         0         0         0.05         3         208           2009         Wet         0         2         1         0         7         1	2004												
Dry         0         1         0         0         1         0         0         0         0.25         2         208           2006         Wet         1         1         1         0         4         0         1         0         5.33         8         295           Dry         0         3         0         0         1         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         0         0         0.432         8         306           Dry         1         1         0         0         0         1         0         0         0.055         3         208           2008         Wet         1         2         3         3         4         1         0         0         0.255         1         200           2009         Wet         0         2         1         0         7         1         0         1         5.43         12	2005	-											
2006         Wet         1         1         1         0         4         0         1         0         5.33         8         295           Dry         0         3         0         0         1         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         2         0         0         0         4.32         8         306           Dry         1         1         0         0         0         1         0         0         0.05         3         208           2008         Wet         1         2         3         3         4         1         0         0         0.05         3         208           2008         Wet         1         2         3         3         4         1         0         0         0.05         1         200           2009         Wet         0         2         1         0         7         1         0         1         5.43         12         277           Dry         1         0         0         0         0         0 <td< td=""><td>2005</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	2005												
Dry         0         3         0         0         1         0         0         0         0.82         4         199           2007         Wet         2         2         2         0         2         0         0         0         4.32         8         306           Dry         1         1         0         0         0         1         0         0         0.05         3         208           2008         Wet         1         2         3         3         4         1         0         0         10.86         14         288           Dry         0         0         0         1         0         0         0         0.25         1         200           2009         Wet         0         2         1         0         7         1         0         1         5.43         12         277           Dry         1         0         0         0         1         0         0         0.07         2         199           2010         Wet         2         2         2         2         0         1         2         1         1	2006	-											
2007         Wet         2         2         2         0         2         0         0         0         4.32         8         306           Dry         1         1         0         0         0         1         0         0         0.05         3         208           2008         Wet         1         2         3         3         4         1         0         0         10.86         14         288           Dry         0         0         0         1         0         0         0         0.25         1         200           2009         Wet         0         2         1         0         7         1         0         1         5.43         12         277           Dry         1         0         0         0         1         0         0         0.07         2         199           2010         Wet         2         2         2         0         1         2         1         1         16.20         11         257           Dry         0         0         0         0         0         0         0         0         0 <t< td=""><td>2000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	2000												
Dry 1 1 1 0 0 0 1 0 0 0 0.05 3 208  2008 Wet 1 2 3 3 4 1 0 0 0 10.86 14 288  Dry 0 0 0 1 0 0 0 0 0 0 0 0.25 1 200  2009 Wet 0 2 1 0 7 1 0 1 5.43 12 277  Dry 1 0 0 0 0 1 0 0 0 0 0 0.07 2 199  2010 Wet 2 2 2 2 0 1 2 1 1 1 16.20 11 257  Dry 0 0 0 0 0 0 0 0 0 0 0 0 0.08 0 208  2011 Wet 0 0 0 0 1 0 1 0 1 8.56 2 278  Dry 0 0 0 1 0 0 0 0 0 0 0 0 0.52 1 208  Total Wet 8 18 15 24 62 31 65 49 162.97 272 3730	2007	•											
2008       Wet       1       2       3       3       4       1       0       0       10.86       14       288         Dry       0       0       0       0       0       0       0       0.25       1       200         2009       Wet       0       2       1       0       7       1       0       1       5.43       12       277         Dry       1       0       0       0       1       0       0       0       0.07       2       199         2010       Wet       2       2       2       0       1       2       1       1       16.20       11       257         Dry       0       0       0       0       0       0       0       0       0.08       0       208         2011       Wet       0       0       0       0       1       0       1       0       8.56       2       278         Dry       0       0       0       1       0       0       0       0.52       1       208         Total       Wet       8       18       15       24       6	2007												
Dry 0 0 0 1 0 0 0 0 0 0 0.25 1 200  Wet 0 2 1 0 7 1 0 1 5.43 12 277  Dry 1 0 0 0 1 0 0 0 0 0 0.07 2 199  2010 Wet 2 2 2 0 1 2 1 1 1 16.20 11 257  Dry 0 0 0 0 0 0 0 0 0 0 0 0.08 0 208  2011 Wet 0 0 0 0 1 0 1 0 1 0 8.56 2 278  Dry 0 0 0 1 0 0 0 0 0 0 0 0.52 1 208  Total Wet 8 18 15 24 62 31 65 49 162.97 272 3730	2008	-											
2009       Wet       0       2       1       0       7       1       0       1       5.43       12       277         Dry       1       0       0       0       1       0       0       0       0.07       2       199         2010       Wet       2       2       2       0       1       2       1       1       16.20       11       257         Dry       0       0       0       0       0       0       0       0       0       0       0       0       0       208         2011       Wet       0       0       0       0       1       0       1       0       0       0       0.08       0       208         2011       Wet       0       0       0       0       1       0       1       0       0       0       0.52       1       208         Total       Wet       8       18       15       24       62       31       65       49       162.97       272       3730	2000												
Dry 1 0 0 0 1 0 0 0 0 0.07 2 199  2010 Wet 2 2 2 0 1 2 1 1 1 16.20 11 257  Dry 0 0 0 0 0 0 0 0 0 0 0 0.08 0 208  2011 Wet 0 0 0 0 1 0 1 0 1 0 8.56 2 278  Dry 0 0 0 1 0 0 0 0 0 0 0.52 1 208  Total Wet 8 18 15 24 62 31 65 49 162.97 272 3730	2000	•											
2010       Wet       2       2       2       0       1       2       1       1       16.20       11       257         Dry       0       0       0       0       0       0       0       0       0.08       0       208         2011       Wet       0       0       0       0       1       0       1       0       8.56       2       278         Dry       0       0       0       1       0       0       0       0       0.52       1       208         Total       Wet       8       18       15       24       62       31       65       49       162.97       272       3730	2009												
2011       Dry       0       0       0       0       0       0       0       0.08       0       208         2011       Wet       0       0       0       0       1       0       1       0       8.56       2       278         Dry       0       0       0       1       0       0       0       0       0.52       1       208         Total       Wet       8       18       15       24       62       31       65       49       162.97       272       3730	2010	•											
2011         Wet Dry         0         0         0         1         0         1         0         8.56         2         278           Dry         0         0         0         1         0         0         0         0         0.52         1         208           Total         Wet         8         18         15         24         62         31         65         49         162.97         272         3730	2010									=			
Dry         0         0         0         1         0         0         0         0         0.52         1         208           Total         Wet         8         18         15         24         62         31         65         49         162.97         272         3730	2011	-				_							
Total Wet 8 18 15 24 62 31 65 49 162.97 272 3730	2011												
Dry 2 5 0 3 17 11 10 4 5.27 52 2956	Total		8	18	15	24	62	31	65	49		272	
ns = not sampled			2			3		11	10	4	5.27	52	2956

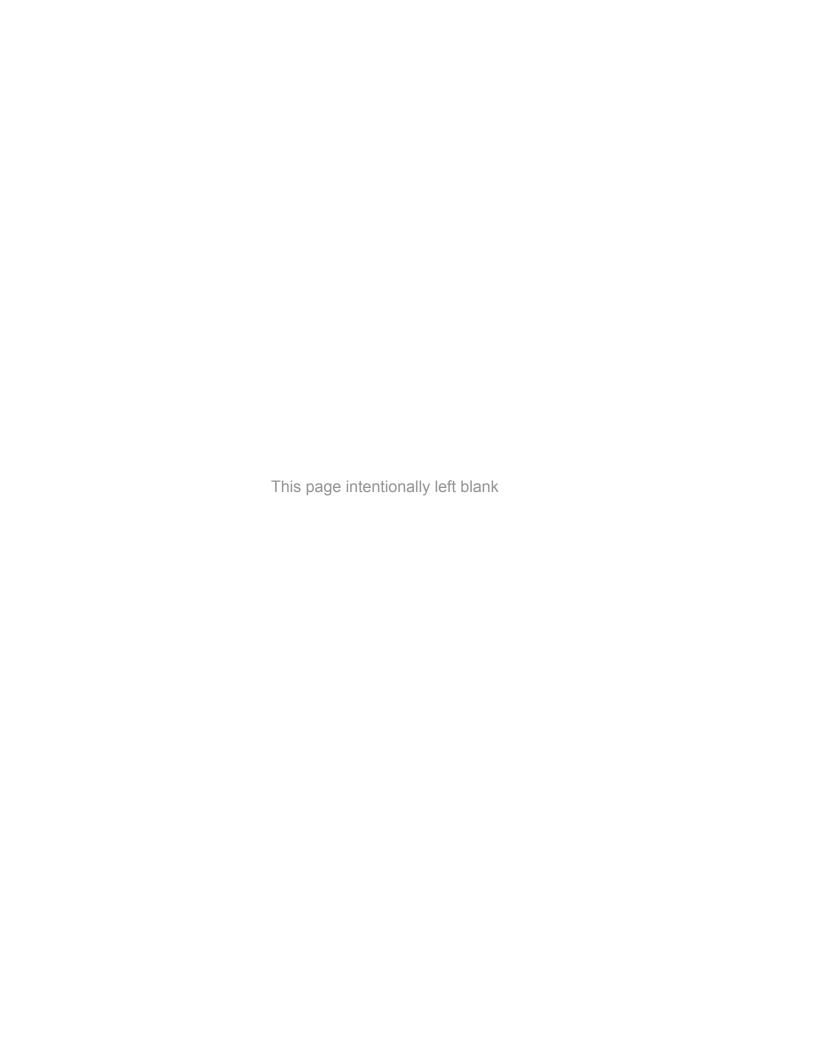
ns = not sampled



**Appendix B.3**Summary of samples with elevated FIB densities at PLOO kelp bed stations during wet and dry seasons between 1991–2011. Wet=January–April and October–December; Dry=May–September; *n*=total number of samples.

Rain was measured at Lindbergh Field, San Diego, CA. Stations are listed north to south from left to right.

			18	3-m Stat								
Year	Season	C6	C5	C4	A6	A7	<b>A</b> 1	C8	<b>C7</b>	Rain (in)	Total	n
1991	Wet	2	5	1	45	47	42	24	30	12.97	196	2093
	Dry	2	1	4	30	38	29	22	27	0.54	153	1496
1992	Wet	48	77	52	116	87	68	34	55	12.62	537	2579
	Dry	3	8	1	64	67	58	24	39	0.19	264	1737
1993	Wet	4	3	4	36	50	45	18	25	16.81	185	2336
	Dry	3	2	0	38	51	37	23	23	0.45	177	1711
1994	Wet	1	1	1	0	0	1	1	5	9.32	10	1868
	Dry	1	0	0	4	0	1	1	0	0.11	7	1189
1995	Wet	1	4	2	2	1	2	2	2	14.76	16	1028
	Dry	1	0	1	0	2	0	0	0	1.10	4	596
1996	Wet	0	2	1	1	1	1	0	1	7.13	7	870
	Dry	0	2	0	0	0	1	0	0	0.14	3	599
1997	Wet	1	0	2	4	3	3	0	0	6.15	13	806
	Dry	0	0	0	0	0	0	0	1	0.85	1	576
1998	Wet	0	2	2	1	3	1	3	0	15.08	12	824
	Dry	1	0	1	1	2	2	0	0	0.97	7	600
1999	Wet	0	0	0	1	0	1	0	0	5.31	2	840
	Dry	0	0	0	0	0	0	0	0	0.12	0	600
2000	Wet	0	0	0	0	0	0	0	0	6.89	0	831
	Dry	0	0	0	0	0	0	1	0	0.01	1	599
2001	Wet	0	0	0	0	0	0	0	2	8.46	2	840
	Dry	0	0	0	0	0	0	0	0	0.01	0	600
2002	Wet	0	0	0	0	0	0	0	0	3.92	0	802
	Dry	0	0	0	0	0	0	0	0	0.31	0	599
2003	Wet	0	0	0	0	0	0	0	0	8.88	0	823
	Dry	0	0	0	0	0	1	0	0	0.30	1	600
2004	Wet	0	5	5	0	5	4	2	0	13.29	21	820
	Dry	0	0	0	0	0	0	0	0	0.00	0	599
2005	Wet	2	1	0	1	0	0	1	1	13.86	6	831
	Dry	0	0	0	0	0	0	0	0	0.25	0	597
2006	Wet	0	0	0	0	0	0	0	0	5.33	0	837
	Dry	0	0	0	0	0	0	0	0	0.82	0	600
2007	Wet	0	0	0	0	0	2	0	0	4.32	2	831
	Dry	0	0	0	0	0	0	0	0	0.05	0	600
2008	Wet	0	1	0	0	0	0	0	0	10.86	1	837
	Dry	0	0	0	0	0	0	0	0	0.25	0	598
2009	Wet	0	0	2	1	1	2	1	0	5.43	7	839
	Dry	0	0	0	4	4	2	3	1	0.07	14	600
2010	Wet	0	0	1	0	1	1	0	0	16.20	3	831
	Dry	0	0	0	1	1	0	0	0	0.08	2	598
2011	Wet	0	0	0	0	0	0	0	0	8.56	0	837
	Dry	0	0	0	0	0	1	0	0	0.52	1	600
Total	Wet	59	101	73	208	199	174	86	121	162.97	1021	23,203
	Dry	11	13	7	142	165	131	74	91	5.27	634	16,294



### **Appendix B.4**

Summary of compliance with the 2005 California Ocean Plan water contact standards for PLOO shore, kelp bed, and offshore stations during 2011. The values reflect the number of times per month that each station exceeded various total coliform, fecal coliform, and enterococcus bacterial standards (see Chapter 3; Box 3.1).

	30-day Geometric Mean Standards Shore Stations												
Month	D4	D5	D7	D8	D9	D10	D11	D12					
Total Coliform													
January	0	0	0	0	0	0	0	0					
February	0	0	0	0	0	0	0	0					
March	0	0	0	0	0	0	0	0					
April	0	0	0	0	0	0	0	0					
May	0	0	0	0	0	0	0	0					
June	0	0	0	0	0	0	0	0					
July	0	0	0	0	0	0	0	0					
August	0	0	0	0	0	0	0	0					
September	0	0	0	0	0	0	0	0					
October	0	0	0	0	0	0	0	0					
November	0	0	0	0	0	0	0	0					
December	0	0	0	0	0	0	0	0					
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%					
Fecal Coliform	10070	10070	10070	10070	10070	10070	10070	10070					
January	0	0	0	0	0	0	0	0					
February	0	0	0	0	0	0	0	0					
March	0	0	0	0	0	0	0	0					
April	0	0	0	0	0	0	0	0					
May	0	0	0	0	0	0	0	0					
June	0	0	0	0	0	0	0	0					
July	0	0	0	0	0	0	0	0					
August	0	0	0	0	0	0	0	0					
September	0	0	0	0	0	0	0	0					
October	0	0	0	0	0	0	0	0					
November	0	0	0	0	0	0	0	0					
December	0	0	0	0	0	0	0	0					
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%					
Enterococcus	100 /0	100 /0	100 /0	100 /0	100 /0	100 /0	100 /0	100 /0					
January	0	0	0	13	0	18	20	0					
February	0	0	0	0	0	0	0	0					
March	0	0	0	0	0	0	0	0					
April	0	0	0	0	0	0	0	0					
May	0	0	0	0	0	0	0	0					
June	0	0	0	0	0	0	0	0					
July	0	0	0	0	0	0	0	0					
August	0	0	0	0	0	0	0	0					
September	0	0	0	0	0	0	0	0					
October	0	0	0	0	0	0	0	0					
November	_		0	0		0	0	-					
	0	0 0	0	0	0 0	0	0	0					
December Rete								0					
Compliance Rate	100%	100%	100%	96%	100%	95%	95%	100%					

			Single S	ample Max Shore St		ndards		
Month	D4	D5	D7	D8	D9	D10	D11	D12
Total Coliform								
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%
Fecal Coliform								
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0
April	0	1	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
June	0	0	0	0	1	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Compliance Rate	100%	98.4%	100%	100%	98.4%	100%	100%	100%

	Single Sample Maximum Standards Shore Stations											
Month	D4	D5	D7	D8	D9	D10	D11	D12				
Enterococcus												
January	0	0	0	1	0	0	0	0				
February	0	0	0	0	0	0	0	0				
March	0	0	0	0	0	0	0	0				
April	0	1	0	0	0	0	0	0				
May	0	0	0	0	0	0	0	0				
June	0	0	0	0	0	0	0	0				
July	0	0	0	0	0	0	0	0				
August	0	0	0	0	0	0	0	0				
September	0	0	0	0	0	0	0	0				
October	0	0	0	0	0	0	0	0				
November	0	0	0	0	0	0	0	0				
December	0	0	0	0	0	0	0	0				
Compliance Rate	100%	98.4%	100%	98.4%	100%	100%	100%	100%				
Fecal/Total Coliform F	Ratio (FTR)											
January	Ô	0	0	0	0	0	0	0				
February	0	0	0	0	0	0	0	0				
March	0	0	0	0	0	0	0	0				
April	0	1	0	0	0	0	0	0				
May	0	0	0	0	0	0	0	0				
June	0	0	0	0	0	0	0	0				
July	0	0	0	0	0	0	0	0				
August	0	0	0	0	0	0	0	0				
September	0	0	0	0	0	0	0	0				
October	0	0	0	0	0	0	0	0				
November	0	0	0	0	0	0	0	0				
December	0	0	0	0	0	0	0	0				
Compliance Rate	100%	98.4%	100%	100%	100%	100%	100%	100%				

### 30-day Geometric Mean Standards Kelp Bed Stations

	9-	m Stations		18-m Stations							
Month	C4	C5	C6	A1	A7	A6	C7	C8			
Total Coliform											
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	0	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%			
Fecal Coliform											
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	0	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%			
Enterococcus											
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	0	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%			

### Single Sample Maximum Standards Kelp Bed Stations

	9-	m Stations	•	18-m Stations							
Month	C4	C5	C6	<b>A1</b>	A7	A6	<b>C</b> 7	C8			
Total Coliform											
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	0	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%			
Fecal Coliform											
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	0	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%			
Enterococcus	•	•		•		•		•			
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	1	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	99.4%	100%	100%	100%	100%			

# Single Sample Maximum Standards Kelp Bed Stations

	9-m Stations			18-m Stations							
Month	C4	C5	C6	<b>A</b> 1	<b>A7</b>	A6	<b>C7</b>	C8			
Fecal/Total Coliform	Ratio (FTR)										
January	0	0	0	0	0	0	0	0			
February	0	0	0	0	0	0	0	0			
March	0	0	0	0	0	0	0	0			
April	0	0	0	0	0	0	0	0			
May	0	0	0	0	0	0	0	0			
June	0	0	0	0	0	0	0	0			
July	0	0	0	0	0	0	0	0			
August	0	0	0	0	0	0	0	0			
September	0	0	0	0	0	0	0	0			
October	0	0	0	0	0	0	0	0			
November	0	0	0	0	0	0	0	0			
December	0	0	0	0	0	0	0	0			
Compliance Rate	100%	100%	100%	100%	100%	100%	100%	100%			

### Offshore Stations within 3 nautical miles of State waters

	F02	F03	F11	F12	F13	F14	F01	F06	F18	F07	F08	F09	F10	F19	F20
Enterococcus															
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compliance Bate	1000/	100%	1000/	100%	1000/	100%	1000/	100%	100%	100%	100%	100%	100%	100%	100%